Index of Claims

| Application No. | Applicant(s)      | _ |
|-----------------|-------------------|---|
| 09/844,426      | ZIMMER, ROBERT H. |   |
| Examiner        | Art Unit          |   |
| Gina C. Yu      | 1617              |   |

| <b>√</b> | Rejected | _ |
|----------|----------|---|
| =        | Allowed  | ÷ |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla             | Claim Date   |          |               |                  |               | Claim   |       |          | 1        | Date                |          |                 |                 | Cla              | aim | Date  |            |          |          |          |              |          |           |          |          |
|-----------------|--------------|----------|---------------|------------------|---------------|---|-------|----------|----------|---------------------|----------|-----------------|-----------------|------------------|-----|-------|------------|----------|----------|----------|--------------|----------|-----------|----------|----------|
| 1.              | <del>0</del> |          |               |                  |               |   |       |          | <u>_</u> |                     |          |                 |                 |                  |     |       | <u>=</u>   |          |          |          |              |          |           |          |          |
| Final           | Original     | 9/3      |               | 1                |               |   |       | Final    | Original |                     |          |                 |                 |                  |     | Final | Original   |          |          |          | İ            |          |           |          | - 1      |
| i E             | Ë            | 1        |               |                  |               |   |       | iI.      | Ĕ        |                     |          |                 |                 | -                |     | ίĒ    | ij         |          |          |          |              |          |           |          |          |
|                 |              | 9        | $\perp$       | $\bot$           |               |   |       |          |          |                     |          | Ш               |                 |                  |     |       |            |          |          |          |              |          |           | $\perp$  |          |
|                 | 1            |          | $\perp \perp$ | $\perp$          |               | $\perp$   |       |          | 51       | $\perp$             |          |                 |                 |                  |     |       | 101        |          |          |          | <u> </u>     |          |           | _        |          |
| $\vdash$        | 3-           | Y.       | +             | $\bot$           | _ _           | $\perp$   |       |          | 52       |                     |          | $\sqcup$        |                 |                  |     |       | 102        | _        | _        |          |              |          | _         | _        |          |
| $\vdash$        | 3            | 44       | $\rightarrow$ | +                |               |   |       |          | 53       | $\rightarrow$       |          | $\sqcup$        |                 |                  |     |       | 103        |          | _        |          | <u> </u>     |          | Ш         | _        |          |
| $\vdash$        | 4            | $ \Psi $ |               |                  |               |   |       |          | 54       |                     | _        | $\vdash$        | _               |                  |     |       | 104        |          | _        |          |              | Ш        |           | 4        |          |
| $\vdash$        | 6            | . /      |               |                  | ++            | +   |       |          | 55       |                     |          | $\vdash$        |                 |                  |     |       | 105        | -        | 4        |          | ╁            |          | <u> </u>  |          |          |
|                 | 7            | V        |               | ++               |               | +   |       |          | 56<br>57 |                     | -        | $\vdash$        |                 |                  |     |       | 106        | -+       | +        | +        | ₩.           | -        | -1        | $\dashv$ | $\dashv$ |
| $\vdash$        | 8            | N        |               | ++               |               |   |       |          | 58       | +                   | +        | $\vdash$        |                 |                  |     |       | 107<br>108 | $\dashv$ | +        | -        | -            | H        | $\vdash$  | $\dashv$ | $\dashv$ |
|                 | 9            | 7        | +             | ++               | +             |   |       |          | 59       |                     | +        | $\vdash$        |                 |                  |     |       | 109        | $\dashv$ | +        |          | ┼            | Н        | $\vdash$  | $\dashv$ | $\dashv$ |
| $\vdash$        | 10           | +        | -+            |                  |               | +   |       |          | 60       |                     | +-       | $\vdash$        | _               | $\vdash\vdash$   |     |       | 110        | +        | +        |          | +            | Н        | Н         | $\dashv$ |          |
| $\vdash$        | 11           | +        | -+-           | ++               |               | +   |       |          | 61       | $\rightarrow$       | +        | $\vdash$        | +               | <del>-   -</del> |     |       | 111        |          | +        |          | ╁            |          | $\vdash$  | $\dashv$ | $\dashv$ |
| $\vdash$        | 12           | 1        |               | +                | <del></del>   | $\dashv \dashv$                                   |       |          | 62       | $\dashv +$          | +        | $\forall$       | _               | $\vdash$         |     |       | 112        | $\dashv$ | +        | +-       | $\vdash$     | H        | $\vdash$  | $\dashv$ | $\dashv$ |
|                 | 13           | +        |               | ++               | -++           | +   | *     |          | 63       | +                   | +        | +               |                 |                  |     |       | 113        | $\dashv$ | +        | +        | +-           | $\vdash$ |           | +        | $\dashv$ |
|                 | 14           | 1        |               | +-+              |               | +   |       |          | 64       | <del>-   -  -</del> | $\top$   | $\vdash$        | +               | $\vdash$         |     |       | 114        | $\dashv$ | +        |          | +            | Н        | $\vdash$  | $\dashv$ | $\dashv$ |
|                 | 15           | +        | 1             |                  | +             | $\top$  |       |          | 65       | $\dashv \dashv$     | $\top$   |                 | +               |                  |     |       | 115        | $\dashv$ | +        |          | $\vdash$     | $\vdash$ | $\vdash$  | $\dashv$ | $\dashv$ |
|                 | 16           | Ø        |               | $\top$           | 1.            | $\top$  |       |          | 66       |                     | $\top$   | $\vdash$        | $\dashv$        |                  |     |       | 116        | $\dashv$ | +        | +-       | 1            | H        | $\exists$ | +        | $\dashv$ |
| $\Box$          | 17           | V        |               | 11               |               |   |       |          | 67       | 1-1                 |          | $\vdash$        | $\top$          |                  |     |       | 117        | $\dashv$ | +        | +        | T            | Н        |           | $\dashv$ | $\dashv$ |
|                 | 18           | $\top$   |               | 11               |               |   |       |          | 68       |                     | 1        |                 | _               |                  |     |       | 118        |          | $\top$   | <u> </u> | Т            | Н        | _         |          | ヿ        |
|                 | 19           | T        |               |                  |               |   |       |          | 69       |                     |          | 1 1             | $\top$          |                  |     |       | 119        | $\neg$   | $\top$   | _        | 1            | H        |           | ヿ        | ᅱ        |
|                 | 20           | V        |               |                  |               |   |       |          | 70       |                     |          |                 |                 |                  |     |       | 120        | $\neg$   | 7        |          | 1            | П        |           | 寸        | 一        |
|                 | 21           |          |               |                  |               |   |       |          | 71       |                     |          |                 |                 |                  |     |       | 121        |          |          |          |              |          |           | $\neg$   |          |
| -               | 22           |          |               |                  |               |   |       |          | 72       |                     |          |                 |                 |                  |     |       | 122        |          | -   "    | 1        |              |          |           | 寸        | ヿ        |
|                 | 23           |          |               |                  |               |   |       |          | 73       |                     | $\perp$  |                 |                 |                  |     |       | 123        |          |          |          |              |          |           | $\top$   | ٦        |
|                 | 24           |          |               |                  |               |   | 200HT |          | 74       |                     |          |                 |                 |                  |     |       | 124        |          |          |          |              |          |           |          | •        |
|                 | 25           |          |               | $\perp \perp$    |               |   |       |          | 75       |                     |          |                 |                 |                  |     |       | 125        |          |          |          |              |          |           |          |          |
|                 | 26           | _        |               | $\perp$          |               | $\perp$   |       |          | 76       |                     |          |                 |                 |                  |     |       | 126        |          |          |          |              |          |           |          |          |
|                 | 27           | _        |               |                  |               |   |       |          | 77       | $\perp \perp$       |          |                 |                 |                  |     |       | 127        |          |          |          |              | Ш        |           |          |          |
|                 | 28           | 4        |               | $\perp \perp$    |               |   |       |          | 78       |                     |          | Щ               |                 |                  |     |       | 128        |          |          |          |              |          |           |          |          |
|                 | 29           | _        |               | +                | $\rightarrow$ |   |       |          | 79       | _   _  .            |          | Ш               |                 |                  | th. |       | 129        | _        |          | _ _      | ļ            |          |           | _        | _        |
|                 | 30           | 4        |               |                  |               | -   |       |          | 80       |                     |          | $\sqcup$        |                 |                  |     |       | 130        | _        | _        |          | _            | Ш        |           | _        | _        |
| -               | 31           |          | +             | ++               |               | + $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ |       |          | 81       |                     |          | $\sqcup$        |                 |                  |     |       | 131        |          | 4        | _        | <u> </u>     | Ш        | $\perp$   | 4        | _        |
| $\vdash \vdash$ | 32           | $\dashv$ |               | ++               | $\dashv$      | +   |       |          | 82       | +                   | -        | $\vdash$        |                 |                  |     |       | 132        | $\perp$  | $\perp$  | _ _      | 1            | $\sqcup$ |           |          | _        |
| $\vdash$        | 33<br>34     | -+       |               | ++               |               |   |       |          | 83<br>84 | ++                  |          | $\vdash \vdash$ | +               |                  |     |       | 133        | +        | +        | +-       | -            | $\sqcup$ | 4         | $\dashv$ | _        |
| <del></del>     | 35           | $\dashv$ |               | ++               | +             | +   |       |          | 85       | -   -  -            |          |                 |                 | $\vdash$         |     |       | 134        | -+       | $\dashv$ |          | <del> </del> |          |           | $\dashv$ | 4        |
| -               | 36           | $\dashv$ | +-+           | ++               |               | +   |       |          | 86       | ++                  | +        | <del>   </del>  | +               | -+-              |     |       | 135        | -        |          | +        | $\vdash$     | $\vdash$ |           | $\dashv$ | $\dashv$ |
| $\vdash$        | 37           | $\dashv$ | <del></del>   | ++               | ++            | +   |       |          | 87       | ++                  | +        | $\vdash$        |                 | +                |     |       | 136<br>137 | +        | +        | +        | $\vdash$     | $\vdash$ | -         | $\dashv$ | $\dashv$ |
|                 | 38           | -        |               | ++               |               | +   | 190   | $\dashv$ | 88       |                     |          | $\vdash$        | +               | -                |     |       | 138        | +        | +        | +-       | ╁            | -        | $\dashv$  | +        | $\dashv$ |
| $\vdash$        | 39           | $\dashv$ |               | +-               |               | +   |       |          | 89       | ++                  | +        | $\vdash \vdash$ | +-              |                  |     |       | 139        | +        | +        | +        |              | $\vdash$ | $\dashv$  | $\dashv$ | $\dashv$ |
| $\vdash$        | 40           | $\dashv$ | 1-1-          | ++               | -      -      |   |       |          | 90       | ++                  | +-       | $\vdash \vdash$ | $\dashv \dashv$ |                  |     |       | 140        | -+       | +        | +        | $\vdash$     |          | -         | $\dashv$ | $\dashv$ |
| $\vdash$        | 41           | $\dashv$ | ++            | +                |               | +-1   |       |          | 91       | ++                  |          |                 | +               | +                |     |       | 141        | $\dashv$ | +        | +        | $\vdash$     | ├─┤      | $\dashv$  | +        | $\dashv$ |
|                 | 42           | $\dashv$ |               | <del>     </del> | -1 :1-        | +   |       |          | 92       |                     |          | $\vdash \vdash$ | $\dashv$        |                  |     |       | 142        | $\dashv$ | +        | -        | $\vdash$     |          | $\dashv$  | +        | $\dashv$ |
|                 | 43           | $\dashv$ |               | 11               |               | $\forall \exists$                                 |       |          | 93       |                     | +-       | $\vdash$        | +               | +-               |     |       | 143        | $\dashv$ | +        | +        | $\vdash$     | $\vdash$ | -         | +        | $\dashv$ |
|                 | 44           | 十        |               | 7 1              |               | $\forall \exists$                                 |       |          | 94       |                     | +        |                 | +               | <del>    -</del> |     |       | 144        | +        | +        | +        | $\vdash$     |          | $\dashv$  | $\dashv$ | $\dashv$ |
|                 | 45           | _        | 11            | <del>     </del> | $\top$        | $\dashv \dashv$                                   |       | _ †      | 95       | +++                 | +        |                 | $\dashv$        |                  |     |       | 145        | $\pm$    | t        | +        | H            | $\vdash$ | -+        | +        | $\dashv$ |
|                 | 46           | 1        |               | $\top$           |               |   |       |          | 96       | 1                   | $\top$   |                 | - -             | $\neg$           |     |       | 146        | +        | +        | +        | $\vdash$     | H        | $\dashv$  | +        | $\dashv$ |
|                 | 47           |          |               | 11               |               |   |       |          | 97       | $\dashv \dashv$     | $\dashv$ |                 |                 |                  |     |       | 147        | $\dashv$ | +        | +        | $\vdash$     | $\dashv$ | $\dashv$  | +        | $\dashv$ |
|                 | 48           |          |               |                  |               |   |       |          | 98       | $\neg$              |          | П               |                 |                  |     | 1     | 148        | $\top$   | $\top$   | $\top$   | П            | 一        | $\dashv$  | +        | $\dashv$ |
|                 | 49           | I        |               |                  |               |   |       |          | 99       |                     | $\top$   |                 |                 |                  |     |       | 149        | _        | $\top$   | $\top$   | П            | $\dashv$ |           | 十        | $\dashv$ |
|                 | 50           |          |               |                  |               |   |       |          | 100      |                     |          |                 | 1               |                  |     |       | 150        | 7        | $\top$   |          | П            |          | 1         | T        | ┪        |